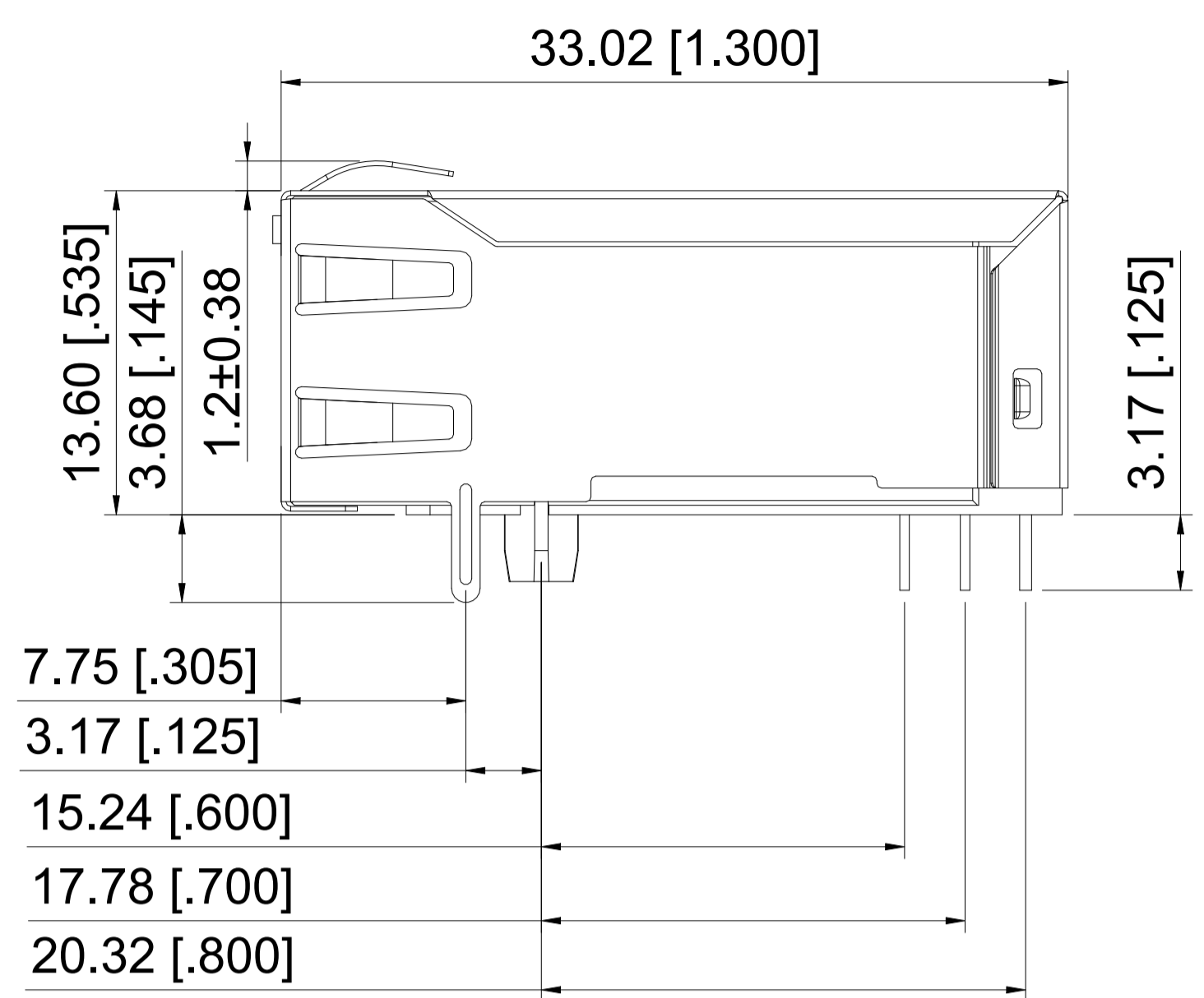
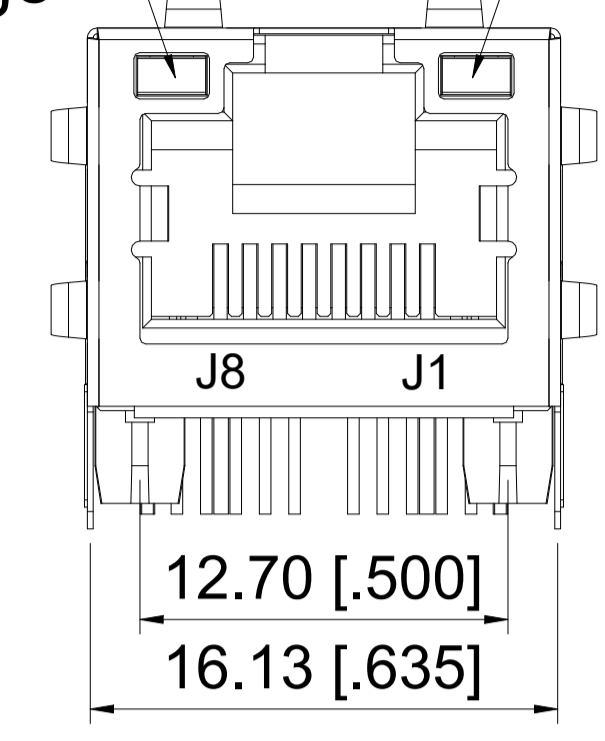


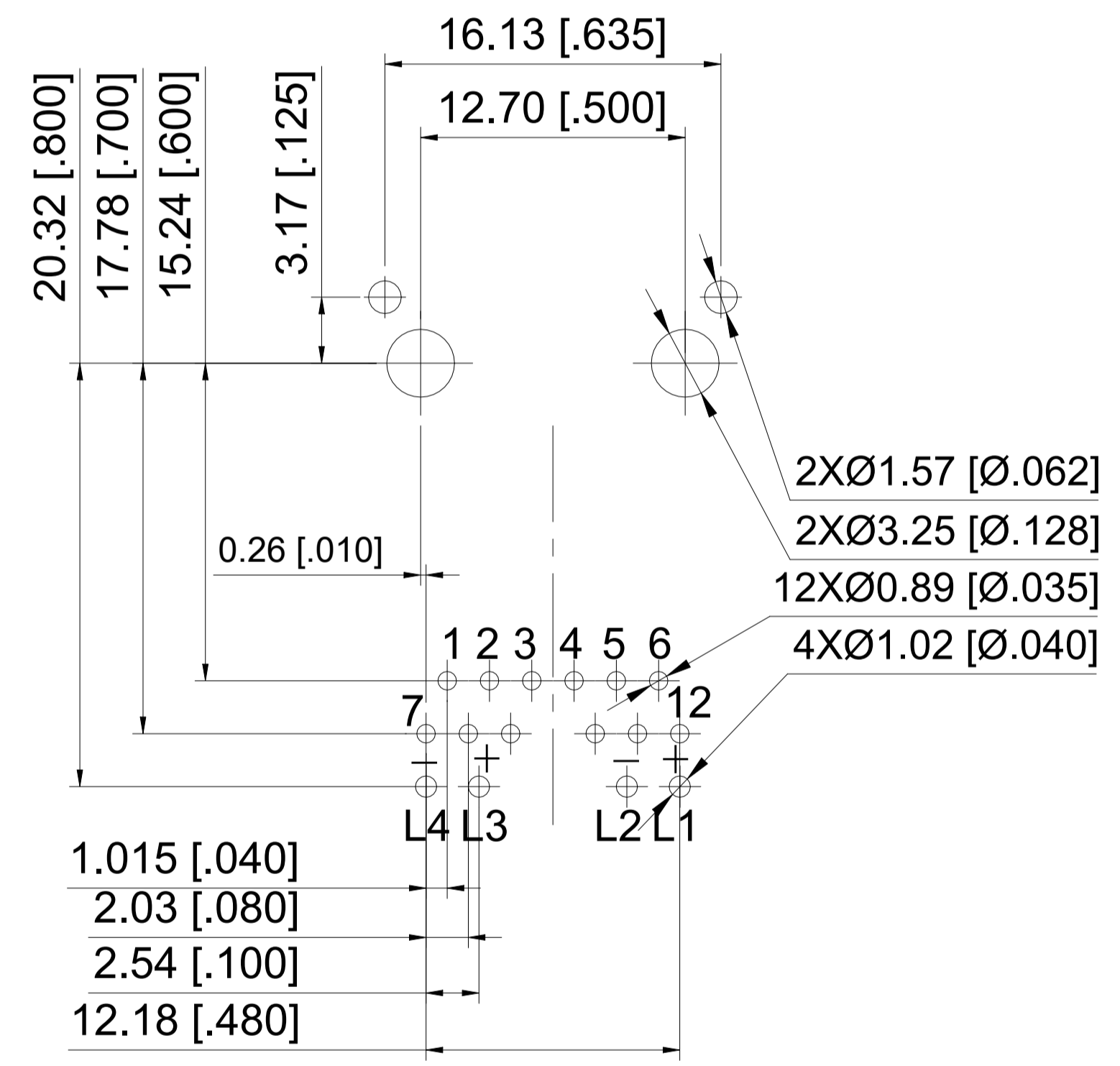
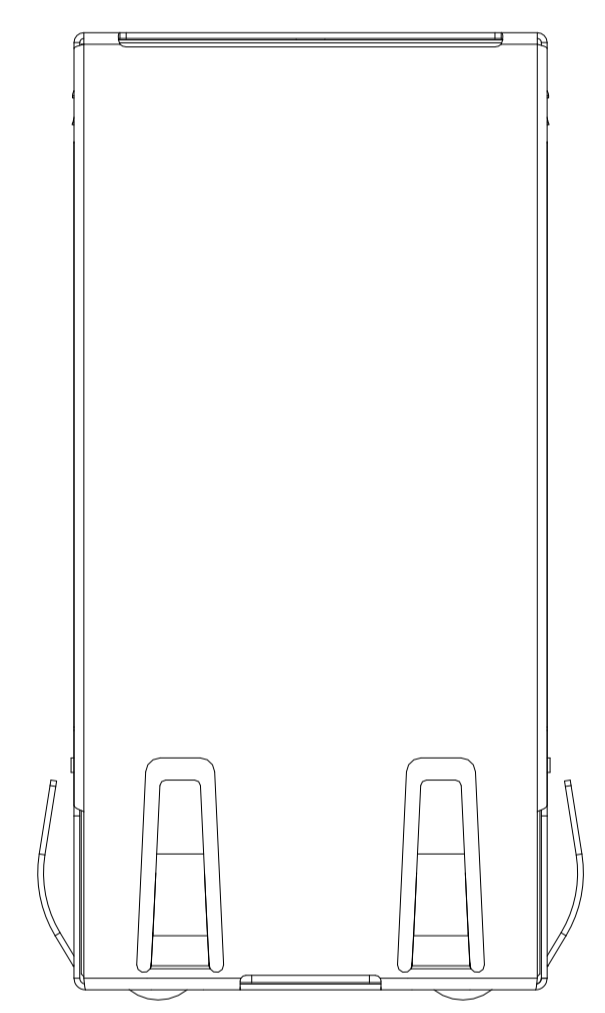
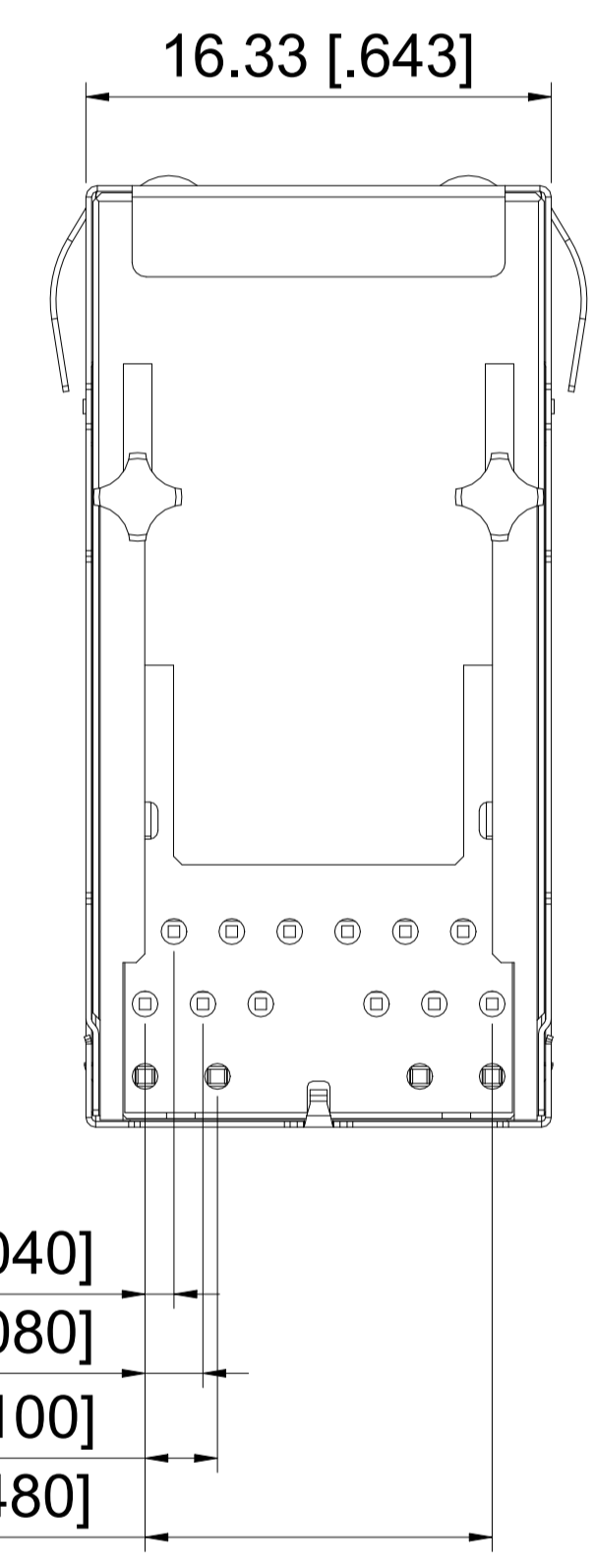
REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D
A	11JUL2024	INITIAL RELEASE	RK	PSS

Green/Orange Yellow



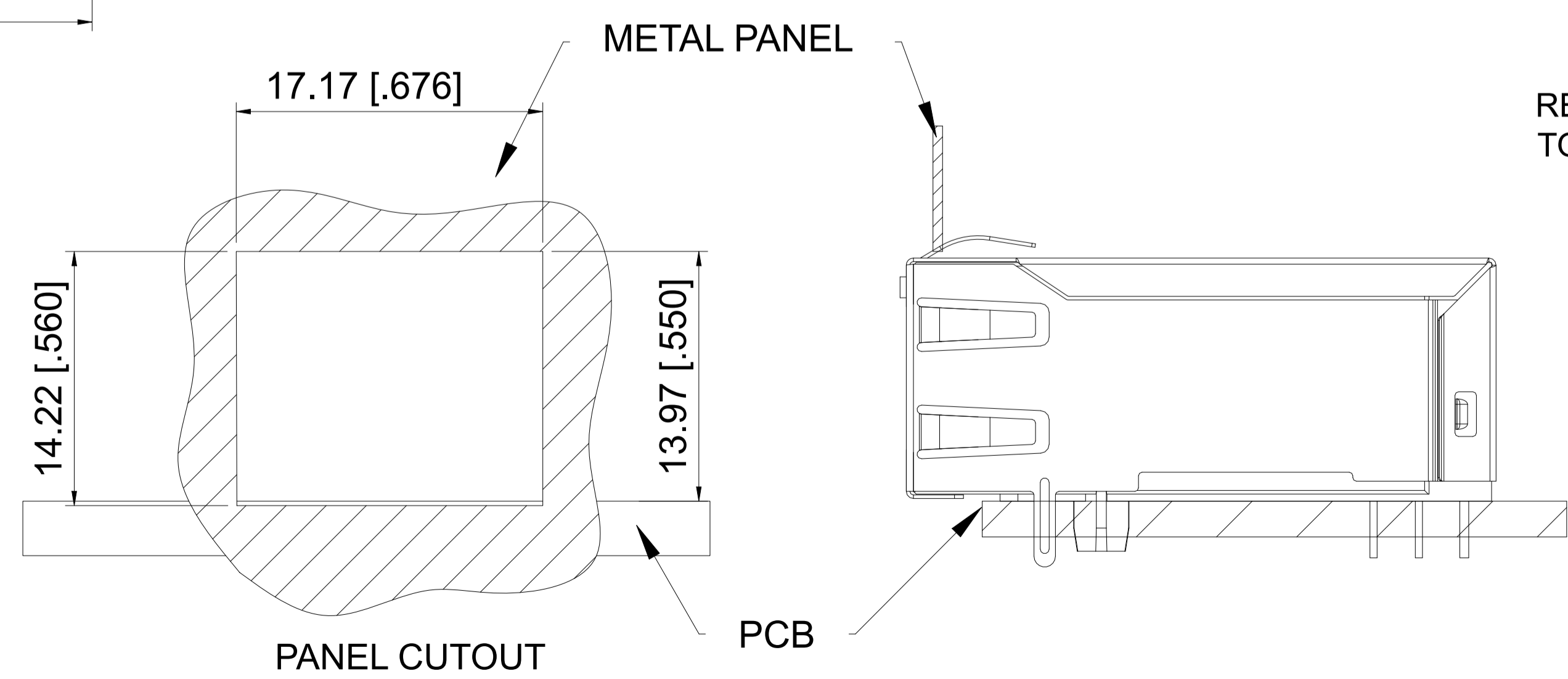
NOTES:

- 1.HOUSING MATERIAL:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH SELECTED (REFER P/N TABLE) MICROINCHES GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 5.THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
- 6.OPERATING TEMPERATURE:-40°C TO +85°C. STORAGE TEMPERATURE:-40°C TO +85°C.



RECOMMENDED P.C.B LAYOUT TOP VIEW (COMPONENT SIDE)

Dimension Tolerance: All PCB LAYOUT Tolerance:±0.05[.002]



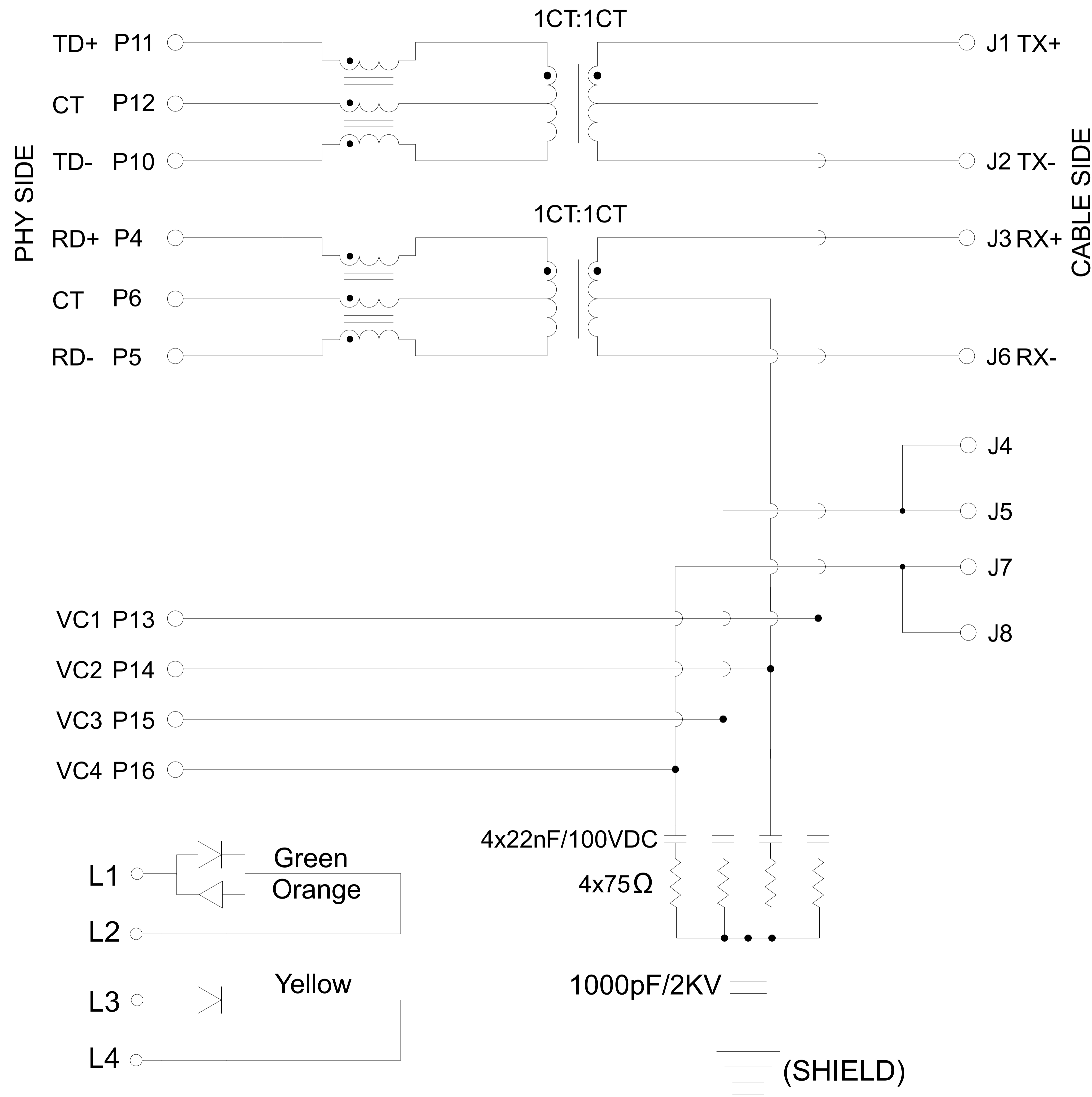
GOLD PLATING THICKNESS	PART NUMBER
0.04572 μm [1.8μ"]	2489011-6
0.0762 μm [3μ"]	2489011-5
0.1524 μm [6μ"]	2489011-4
0.381 μm [15μ"]	2489011-3
0.762 μm [30μ"]	2489011-2
1.27 μm [50μ"]	2489011-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWG: RAMESH_KIVADER 1.3JUN2024	CHK: RAMESH_KIVADER 1.3JUN2024	NAME: RUPESH SATHISH 1.3JUN2024
0. PLC ± 0.10	1. PLC ± 0.25	APPROVALS		
2. PLC ± 0.25	3. PLC ± 0.25	APPLIC. SPEC		
4. PLC ± 0.25	ANGLES ± 2°	SIZE: A1	CAGE CODE: 00779	DRAWING NO: 2489011
MATERIAL: -	FINISH: -	WEIGHT: 0	SCALE: 1:1	SHEET 1 OF 2

CUSTOMER DRAWING

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
TURNS RATIO	1:1±2%
OPEN CIRCUIT INDUCTANCE(OCL)	220uH MIN@100KHz/100mV With 15mA DC Bias For(CHANNEL1,2) 350uH MIN@100KHz/100mV With 8mA DC Bias For(CHANNEL1,2)
INSERTION LOSS(IL)	-1.2dB MAX@1MHz-100MHz;
RETURN LOSS(RL) (Z out=100 OHM)	-18dB MIN@1MHz-30MHz; -16dB MIN@30MHz-60MHz; -12dB MIN@60MHz-80MHz;-10dB MIN@80MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1MHz-100MHz;
COMMON MODE REJECTION RATIO(CMRR)	-30dB MIN@1MHz-100MHz;
DC CURRENT/VOLTAGE RATING-PSE PINS	720mA MAXIMUM@57VDC(CONTINUOUS) For PSE Channel (P13 & P14, P15 & P16)
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V
ORANGE	605nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D
-	-	SEE SHEET 1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± 0.10 1. PLC ± 0.25 2. PLC ± 0.25 3. PLC ± 0.25 4. PLC ± 0.25 ANGLES ± 2°	DWG RAMESH_KIVADER 13JUN2024 CHK RAMESH_KIVADER 13JUN2024 APP'D SATHISH 13JUN2024	NAME RJ45 1X1 Top_Up/Through Hole/ PoE+ 10/100Base-T W/LED
MATERIAL	FINISH	WEIGHT	RESTRICTED TO
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 2 REV A

STE TE Connectivity

SIZE A1 00779 C=2489011